



12/6/03

#5 2133

PATENT

Attorney's Docket No. MP0447

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Chen, Hong-Yi

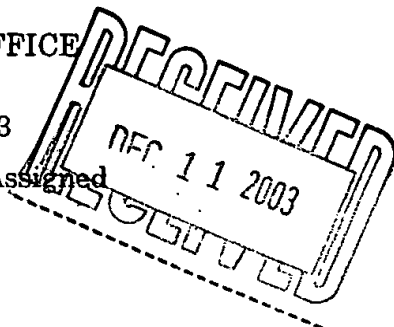
Group Art Unit: 2133

Serial No.: 10/039585

Examiner: Not Yet Assigned

Filed: January 4, 2002

Title: System and Method for Generating Cyclic Redundancy Check



CERTIFICATION UNDER 37 C.F.R. 1.10

"Express Mail" Mailing Label Number:
Date of Deposit:

EV 304640047 US
December 5, 2003

I hereby certify that this document is being deposited with the United States Postal Service on this date in an envelope as "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Alexandria, VA 22313-1450.

December 5, 2003

Amanda J. Gorthy

RECEIVED

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

DEC 10 2003

Technology Center 2100

**REVOCATION AND NEW POWER OF ATTORNEY AND
REMOVAL OF SMALL ENTITY STATUS**

Sir:

As assignee of record of the entire interest of the above-identified patent application, all powers of attorney previously given are hereby revoked and Eric B. Janofsky (Reg No. 30,759) and Customer Number provided below are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected therewith, and it is directed that all correspondence be addressed to the address associated with that Customer Number:

Marvell Semiconductor, Inc.

Customer Number: 23624

REMOVAL OF SMALL ENTITY STATUS

Assignee also requests removal of small entity status, if previously claimed.
Please change the records at the U.S. Patent and Trademark Office to so indicate.

ASSIGNEE CERTIFICATE UNDER 37 C.F.R.3.73(b)

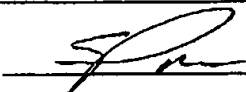
Marvell International Ltd., a corporation duly organized under the laws of Bermuda, and having its business address at Argyle House, 41A Cedar Avenue, Hamilton, Hm12, Bermuda, hereby certifies that it is the owner of all right, title, and interest in the above-identified application.

I am empowered to sign this certificate on behalf of the assignee, Marvell International Ltd.

Date: DEC 5, 2003

Name: STEVEN PARKER

Title: DIRECTOR

Signature: 

Marvell Semiconductor, Inc.
700 First Avenue, Mail Stop 509
Sunnyvale, CA 94089
Telephone: (408) 222-2500
Facsimile: (408) 752-9034

Docket#: **MP0447****PATENT****ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned,

Hong-Yi Hubert Chen

who have created a certain invention for which an application for United States Letters Patent was filed on January 4, 2002 and assigned serial no. 10/039,585 and entitled:

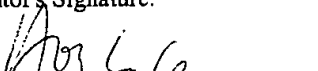
System and Method for Generating Cyclic Redundancy Check

Do hereby sell, assign and transfer to Asica Inc., a corporation of California, having a place of business at 42808 Christy Street #103, Fremont, California 94538, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties;

Agree that Asica Inc., hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns, or legal representatives; and

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

IN TESTIMONY WHEREOF I have hereunto set MY signature on the date indicated below.

Full Name of Sole/First Inventor:	
Hong-Yi Hubert Chen	
Inventor's Signature:	Date: Month/Day/Year
	11/25/03

ASSIGNMENT
Corporate

COPY

Asica Inc., a California corporation, having a principal place of business at 42808 Christy Street #103, Fremont, California 94538 (hereafter the "Assignor"), is the owner by respective Assignment of United States Patent Application identified below (hereafter sometimes called the "Patent Application").

Marvell International Ltd., a corporation of Bermuda, having a place of business at 4th Floor Windsor Place, 22 Queen Street, Hamilton HM 11, Bermuda and a postal address of PO Box HM 1179 Hamilton HM EX Bermuda (hereafter the "Assignee"), desires to acquire all of the rights to the Patent Application and all inventions described and claimed therein.

THEREFORE, in consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to it, Assignor hereby sells and assigns to the Assignee the entire right, title and interest in and to the Patent Application identified below, and all inventions described and claimed therein, in any and all Letters Patent therefor, and in any and all reissues, extensions, renewals, reexaminations, divisions and continuations of such applications or Letters Patent to the full end of the term or terms for which such Letters Patent issue, such entire right, title and interest to be held and enjoyed by the above-named Assignee the same as they would have been held and enjoyed by the Assignor had this Assignment and sale not been made.

<u>Asica Inc. Case No.</u>	<u>U. S. Serial No.</u>	<u>U. S. Filing Date</u>	<u>Title</u>
MP0447	10/039585	January 4, 2002	System and Method for Generating Cyclic Redundancy Check

By its undersigned representative, the Assignor agrees

- a. to execute all papers necessary in connection with the Patent Application and any continuing, divisional, reissue, reexamination or corresponding application thereof and also to execute separate Assignment in connection with such application as the Assignee may deem necessary or expedient;
- b. to execute all papers necessary in connection with any interference which may be declared concerning the Patent Application or any continuation, division, reissue or reexamination thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference; and
- c. to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee on any of the Patent Application and on any continuation, division, reissue or reexamination of any of the Patent Application.

The Assignor hereby covenants that it has the full right to convey the entire interest herein assigned, and that it has not executed, and will not execute, any agreement in conflict therewith.

Asica Inc., a California corporation, certifies that it is the Assignee of the entire right, title and interest in the Patent Application identified above by virtue of Assignment from the inventors of the Patent Application identified above. Assignment to be recorded in the Patent and Trademark Office as identified below.

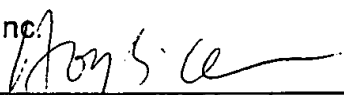
<u>Asica Case No.</u>	<u>U. S. Serial No.</u>	<u>Assignment Execution Date</u>
MP0447	10/039585	<u>11/25/03</u>

The undersigned has reviewed the documents in the Patent Application identified above and, to the best of undersigned's knowledge and belief, title is in the Assignor identified above.

The undersigned is empowered to sign this certificate on behalf of the Assignor.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

IN WITNESS WHEREOF, executed by the Assignor's undersigned representative on the date following the undersigned's name.

By: Asica Inc. 
Hong-Yi Hubert Chen

Title: President, CEO

Date: 11/25/03